

ABSTRACT OF THE DISCLOSURE

It is assumed that there are a plurality of areas where a transfer is to be performed at a long pitch, in an original film, and a plurality of areas where a transfer is to be performed at a short pitch in each of the areas where a transfer is to be performed at a long pitch. On a sub-scan stage the original document is sub-scanned in the area where a transfer is to be performed at a short pitch, by performing at least one small step transferring, which is a transfer performed at a short pitch. Thereafter, a large step transferring which is a transfer performed at a long pitch, is performed on the sub-scan stage. The sub-scanning is repeated by performing the large step transferring and the small step transferring.